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	(2)			Complete if Known	
	Substitute for form 1449/PT	0	DEC 0 6 2006 8	Application Number	10/589,226
	INFORMATION	DISC	LOS RE	Filing Date	January 27, 2005
	STATEMENT BY	/ AP	PLICANTADEMART	First Named Inventor	Knaack et al.
	(Use as many shee	ts as ne	cessary)	Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	1	Of	4	Attorney Docket Number	2004367-0111

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Document Number Number-Kind Code ^{2 (ff known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/C.A./		US-4,394,370	June 19, 1983	Jefferies		
9000		US-4,440,750	April 3, 1984	Glowacki, et al.		
		US-4,485,097	November 27, 1984	Bell		
		US-4,678,470	July 7, 1987	Nashef, et al.		
		US4,743,259	May 10, 1988	Bolander, et al.		
		US-5,236,456	August 17, 1993	O'Leary, et al.		
		US-5,284,655	February 8, 1994	Bogdansky, et al.		
		US-5,314,476	May 24, 1994	Prewett, et al.		
		US-5,490,962	February 13, 1996	Cima, et al.		
		US-5,507,813	April 16, 1996	Dowd, et al.		
		US-5,518,680	May 21, 1996	Cima, et al.		
		US-5,607,269	March 4, 1997	Dowd, et al.		
8		US-5,807,437	September 15, 1998	Sachs, et al.		
		US-5,899,939	May 4, 1999	Boyce, et al.		
		US-6,294,187	September 25, 2001	Boyce, et al.		
		US-6.326,018	December 4, 2001	Gertzman, et al.		
		US-6,468,543	October 22, 2002	Gilbertson, et al.		
		US-6,696,073	February 24, 2004	Boyce, et al.		
		US-2001/0043258	November 22, 2001	Ohki		
		US-2003/0039676	February 27, 2003	Boyce, et al.		
		US-2004/0024457	February 5, 2004	Boyce, et al.		
-		US-2004/0146543	July 29, 2004	Shimp, et al.		
		US-2005/0008620	January 13, 2005	Shimp, et al.		
\/		US-2005/0008672	January 13, 2005	Winterbottom, et al.		
V		US-2005/0027033	February 3, 2005	Knaack, et al.		
/C.A./		US-2005/0283255	December 22, 2005	Geremakis, et al.	-	

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear			
Initials	No.¹	Country Code ³ –Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document		Τ ⁶		
/C.A./		DE- 2 253 086	October 25, 1972	Wenzel				
9000		EP-0 332 826	September 20, 1989	Teva Pharm Industries.				
\/		JP 01/179,689 (Abstract Only)	July 17, 1989	Res Dev Corp of Japan				
\		WO-94/21298	September 29, 1994	Institut Pasteur				
/C A /		WO-2005/072656	August 11, 2005	Osteotech, Inc.				

Examiner	10 ; 4 /	Date	
Signature	/Carlos Azpuru/	Considered	07/13/2011

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	Substitute for form 1449/PTO		Complete if Known		
			Application Number	10/589,226	
	INFORMATION	DISCLOSURE	Filing Date	January 27, 2005	
	STATEMENT B	Y APPLICANT	First Named Inventor	Knaack et al.	
	(Use as many shee	ets as necessary)	Art Unit	Not yet assigned	
			Examiner Name	Not yet assigned	
Sheet	3	4	Attorney Docket Number	2004367-0111	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. 1 Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issunumber(s), publisher, city and/or country where published.					
/C.A./	Crowe et al., "Inhibition of Enzymic Digestion of Amylose by Free Fatty Acids In Vitro Contributes to Resistant Starch Formation", J. Nutr., 130(8): 2006-8, 2000.					
000000000000000000000000000000000000000		Driessens et al. "Calcium phosphate hone caments", Universitet Politecrica de Gatalunya, Barcelona, Spain, 31: 855-77.	000000000000000000000000000000000000000			
/C.A./		Edwards et al., "Osteoinduction of Human Demineralized Bone: Characterization in a Rat Model", Clinical Orthopaedics & Rel. Res., 357: 219-228, 1998.				
2000000		Glowacki et al., "Demineralized Bone Implants", Clinics in Plastic Surgery, 12(2): 233-41, 1985.				
200000000000000000000000000000000000000		Han et al., "Quantitative and sensitive in vitro assay for osteoinductive activity of demineralized bone matrix", J. Orthop. Res., 21(4):648-54, 2003.				
250000000000000000000000000000000000000		Jain et al., "Anchoring of phospholipase A2: the effect of anions and deuterated water, and the role of N-terminus region", Biochem. et Biophys. Acta, 860: 448-61, 1986.				
000000000000000000000000000000000000000		Katz, "The biology of heavy water", Scientific American, 106-116, 1960.				
200000000000000000000000000000000000000		Mulliken et al., "Fate of Mineralized and Demineralized Osseous Implants in Cranial Defects.", Calcif. Tissue Int., 33: 71-6, 1981.				
V		Neigel et al., "Use of Demineralized Bone Implants in Orbital and Craniofacial Reconstruction and a Review of the Literature", Opthal. Plast. Reconstr. Surg., 12(2): 108-20, 1996.				
/C.A./		Ray et al., "Bone implants", J. Bone & Joint Surgery, 39-A (5):1119-28, 1957.				

Russell <i>et al.</i> , "Clinical Utility of Demineralized Bone Matrix for Osseous Defects, Arthrodesis, and Reconstruction: Impact of Processing Techniques and Study Methodology", <i>Orthopaedics</i> , 22 (5): 524-31, 1999.	
Ueland et al., "Increased cortical bone content of insulin-like growth factors in acromegalic patients", J. Clin. Endocrinol. & Metab., 84(1): 123-7, 1999.	
Urist, "Bone: formation by autoinduction", Science, 150: 893-99, 1965.	
Urist et al., "Observations Implicating an Extracellular Enzymic Mechanism of Control of Bone Morphogenesis", J. Histochem. & Cytochem., 22(2): 88-103, 1974.	
Urist et al., "Preservation and biodegradation of the morphogenetic property of bone matrix." J. Theor. Biol., 38: 155-67, 1973.	
Whiteman et al., "Demineralized Bone Powder: Clinical applications for bone defects of the hand", J. Hand. Surg (British and European Volume), 18B: 487-90, 1993.	
Whittaker, et al, "Matrix Metalloproteinases and their Inhibitors-Current Status and Future Challenges", Celitransmissions, 17(1): 3-14.	
Xiaobo et al., "Experimental and Clinical Investigations of Human Insoluble Bone Matrix Gelatin", Clin. Orthop. & Rel. Res., 293: 360-5, 1993.	
Zhang <i>et al.</i> , "A Quantitative Assessment of Osteoinductivity of Human Demineralized Bone Matrix", J. Periodontol., 68 (11): 1076-84, 1997.	
International Searching Authority, "International Search Report," PCT Application No. PCT/ US05/003092, mailed on June 23, 2005, 3 pgs.	
International Searching Authority, "Written Opinion," PCT Application No. PCT/ US05/003092, mailed on June 23, 2005, 3 pgs.	
	Reconstruction: Impact of Processing Techniques and Study Methodology", Orthopaedics, 22(5): 524-31, 1999. Ueland et al., "Increased cortical bone content of insulin-like growth factors in acromegalic patients", J. Clin. Endocrinol. & Metab., 84(1): 123-7, 1999. Urist, "Bone: formation by autoinduction", Science, 150: 893-99, 1965. Urist et al., "Observations Implicating an Extracellular Enzymic Mechanism of Control of Bone Morphogenesis", J. Histochem. & Cytochem., 22(2): 88-103, 1974. Urist et al., "Preservation and biodegradation of the morphogenetic property of bone matrix." J. Theor. Biol., 38: 155-67, 1973. Whiteman et al., "Demineralized Bone Powder: Clinical applications for bone defects of the hand", J. Hand. Surg (British and European Volume), 18B: 487-90, 1993. Whittaker, et al., "Matrix Metalloproteinases and their Inhibitors-Current Status and Future Challenges", Celitransmissions, 17(1): 3-14. Xiaobo et al., "Experimental and Clinical Investigations of Human Insoluble Bone Matrix Gelatin", Clin. Orthop. & Rel. Res., 293: 360-5, 1993. Zhang et al., "A Quantitative Assessment of Osteoinductivity of Human Demineralized Bone Matrix", J. Periodontol., 68(11): 1076-84, 1997. International Searching Authority, "International Search Report," PCT Application No. PCT/ US05/003092, mailed on June 23, 2005, 3 pgs.

Examiner	/Carlos Azpuru/	Date	07/13/2011
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